McKesson Corporation
One Post Street, 34th Floor
San Francisco, CA 94104
608.848.4134 Tel



### Via Electronic and Certified Mail

June 12, 2014

Mr. Stephen Tzhone, Superfund Remedial Project Manager Superfund AR/LA Enforcement Section (6SF-RA) U.S. Environmental Protection Agency 1445 Ross Avenue Dallas, Texas 75202

Subject: Monthly Progress Report – May 2014 Arkwood, Inc. Site, Omaha, Arkansas

Dear Mr. Tzhone:

Pursuant to Section IX (B) of the corrected Consent Decree in this matter, the following letter report is Millbrook Distribution Services' (MMI) monthly progress report.

#### I. CURRENT ACTIVITIES

The following is a general description of Work (as defined in the Consent Decree) activities commenced or completed during this reporting period:

During May, we operated the main treatment system, collected operational samples and conducted Site maintenance activities. In addition to collecting samples for laboratory analysis of pentachlorophenol, field samples were collected to measure pH, temperature and dissolved oxygen. Water samples were collected on May 19, 2014. The analytical data was forwarded electronically to you and Mr. Mark Moix of the ADEQ at an earlier date and is also attached to this report. A summary of the data is attached for reference. Samples at the spring mouth and weir will continue to be collected once per month until a reduction in frequency is approved by the agency.

A Corrected Deed Notice and Restrictions for the Arkwood Site was recorded by Mr. Bud Grisham on May 29, 2014.

# II. PROJECT DATA Attached.

#### III. PROJECTED ACTIVITIES

June: MMI plans to continue ongoing operations and Site maintenance activities. We were asked to delay submittal of the work plan for the dioxin reassessment sampling until we received comments from the agencies on the Revised CSM. Once we are in receipt of such comments, we will modify the CSM, as appropriate, and submit the sampling work plan. July: MMI plans to continue ongoing operations and Site maintenance activities. Upon approval of the dioxin reassessment work plan and supplemental groundwater tracing work plan, implementation of the work plans will be scheduled.

August: MMI plans to continue ongoing operations and Site maintenance activities.

## IV. PROBLEMS ENCOUNTERED OR ANTICIPATED None.

I certify that the information contained in or accompanying this submission is true, accurate, and complete to the best of my knowledge, information and belief, and that I, as project coordinator, have made reasonable inquiry into its veracity.

If you have any questions regarding this monthly progress report, please do not hesitate to contact me at (608) 848-4134.

Sincerely,

Jean A. Mescher, Project Coordinator Director, Environmental Services

Enclosure

#### Copy:

- Mark Moix, ADEQ
- EPA Assistant Regional Counsel (6C-WA) (w/o enclosure)
- Chief, Superfund Enforcement Branch (6H-E) (w/o enclosure)

Arkwood, Inc. Site: Ozone Injection Pilot Study

	Variables Spring PCP										
Date	Varia Water Inj	O3 Inj	Spring Flow	Mouth	Weir						
12/8/05	vvater mj	03 11	5	Model	VVCII						
12/9/05	35		<u>5</u>								
12/14/05	35	1lb/10 g	21	28							
12/15/05	35	1lb/10 g	30/27	29.3							
12/20/05	36	1lb/10 g	27	7.39	<5.10						
12/26/05	36	1lb/10 g	27	11.4	11.1						
1/2/06	36	1lb/10 g	21	42.4	35.1						
1/9/06	36	1lb/10 g	20	32.4	33						
1/16/06	36	1lb/10 g	27.5	32.3	<5.00						
1/23/06	36	1lb/10 g	34/32	15.9	<5.00						
1/30/06	36	1lb/10 g	41	34.3	<5.00						
2/6/06	36	1lb/10 g	38	<5.10	<5.00						
2/13/06	36	1lb/10 g	34	23.9	<5.00						
2/20/06	36	1lb/10 g	21	5.53	4.19J						
2/27/06	36	1lb/10 g	26	19.9	<5.00						
3/6/06	34	1-2lb/10 g	16	25.1	<5.00						
3/13/06	33	1-2lb/10 g	57	107	<5.00						
3/20/06	32	1-2lb/10 g	48	26.2	<5.00						
3/27/06	32	1-2lb/10 g	27	4.09J	<5.00						
4/3/06	_34	2-3lb/10 g	24	11.3	<5.00						
4/10/06	33	2-3lb/10 g	16.4	39.3	<5.00						
4/17/06	34	2-3lb/10 g	22	7.94	7.82						
4/24/06	35	2-3lb/10 g	16	7.0	<5.00						
4/27/06	33	2-3lb/10 g	50	11.3	NA						
4/29/06	33	2-3lb/10 g	193	28.2	NA_						
5/1/06	33	2-3lb/10 g	94	23.4	7.16						
5/8/06	33	2-3lb/10 g	59	52.3	23.3						
5/15/06	34	2-3lb/10 g	21.7	14.9	<5.00						
5/22/06	34	2-3lb/10 g	16	<5.00	<5.00						
5/30/06	34	2-3lb/10 g	16.7	5.64	<5.00						
6/7/06	0	0	3	253	<5.00						
6/12/06	0	0	2.19	LE	LE						
6/19/06	34	0	16.7	52.1	14.3						
6/26/06	34	0	16.7	74.7	<5.00						
7/5/06	35 34	0	21.7 16.7	9.8 21.9	<5.00						
7/17/06 8/7/06	34	0	16.7	23.6	4.01J						
8/14/06	34	0	16.7	<5.00	18 5.22						
9/5-6/06	34	0	23	6.57	<5.10						
9/18/06	34	0	24	6.29	<5.00						
10/2/06	34	0	24	16.8	<5.00						
10/2/06	34	2-3lb/10 g	41	39.6	2.22J						
10/16/06	34	5-6lb/10g	81	92.3	19.4						
10/18/06	34	5-6lb/10g	27	118	<5.00						
11/7/06	35	2-4lb/10g	41	52.7	4.70J						
11/20/06	35	2-4lb/10g	24	57.4	<5.00						
11/30/06	35	5-6lb/10g	636	<50.0	<5.00						
12/4/06	35	5-6lb/10g	59	<54.3	<5.00						
12/6/06	35	5-6lb/10g	37	<52.6	<5.00						
12/18/06	35	2-3lb/10 g	_21	24.1	<5.00						
1/8/07	35	2-3lb/10 g	21	16.7	< 5.00						
1/22/07	35	2-3lb/10 g	79	34.6	<5.00						
2/5/07	35	2-3lb/10 g	27	25.9	<5.00						
2/19/07	35	2-3lb/10 g	47	19.6	<5.00						
3/5/07	35	2-3lb/10 g	27	<5.00	<5.00						
3/19/07	35	2-3lb/10 g	25	NA	NA						
4/9/07	35	2-3lb/10 g	23	<5.00	<5.00						
4/23/07	35	2-3lb/10 g	30	7.27	<5.00						
5/7/07	35	2-3lb/10 g	21	2.90J	<5.00						
5/21/07	35	2-3lb/10 g	20	4.36J	<5.00						
6/4/07	35	2-3lb/10 g	20	<5.00	<5.00						
6/18/07	35	0	21	9.62	<5.00						
7/9/07	35	0	20	15.0	<5.00						

				<del></del>	
7/23/07	35	0	18	8.65	<5.00
8/6/07	0	0	1	191	<u>9.19</u>
9/10/07	35	0	_23	217	26.4
9/24/07	35	0	18	16.2	19.4
10/10/07	35	2-3lb/10 g	_18	5.63	1.15J
10/22/07	35	2-4lb/10g	18	1190	53.7
11/5/07	35	2-4lb/10g	18	209	7.93
11/19/07	35	2-4lb/10g	18	19.8	24.1
12/3/07	35	2-4lb/10g	18	20.1	<5.00
12/17/07	36	2-4lb/10g	32	87.4	1.20J
1/7/08	36	2-4lb/10g	23	<5.00	<5.00
1/21/08	36	2-4lb/10g	23	58	<5.00
2/4/08	36	2-4lb/10g	24	52	<5.00
2/18/08	35	2-4lb/10g	_83	57	15
3/3/08	35	5-6lb/10g	580	<5.00	<5.00
3/17/08	35	5-6lb/10g	44	11	<5.00
4/7/08	35	5-6lb/10g	78	10	<5.00
4/12/08	35	5-6lb/10g	240	6.5	NA
4/13/08	35	5-6lb/10g	100	6.8	NA
4/14/08	35	5-6lb/10g	78	8.2	NA
5/10/08	36	5-6lb/10g	68	75	<5.00
5/27/08	0	0	18	189	<5.00
6/9/08	35	2-4lb/10g	30	77	<5.00
6/23/08	35	2-4lb/10g	580	5.6	<5.00
7/7/08	35	2-4lb/10g	80	194	189
7/10/08	35	5-6lb/10g	140	254	
7/10/08	35	5-6lb/10g	42		20
				477	<5.00
8/4/08	35	2-4lb/10g	22	108	14
8/18/08	35	2-4lb/10g	36	31	<5.00
9/1/08	35	2-4lb/10g	25	32	<5.00
9/22/08	35	2-4lb/10g	40	22	<5.00
10/6/08	35	2-4lb/10g	21	20	<5.00
10/20/08	33	2-4lb/10g	21	13	<5.00
11/3/08	35	2-4lb/10g	24	<5.00	<5.00
11/17/08	35	2-4lb/10g	30	28	<5.00
12/1/08	35	2-4lb/10g	24	12	<5.00
12/22/08	33	2-4lb/10g	24	<5.00	<5.00
1/5/09	35	2-4lb/10g	32	7.3	<5.00
1/26/09	32	2-4lb/10g	27	<5.00	<5.00
2/9/09	33	2-4lb/10g	90	<5.00	<5.00
2/23/09	33	2-4lb/10g	31	6	<5.00
3/9/09	34	2-4lb/10g	30		
				5.7	<5.00
3/23/09	33	2-4lb/10g	30	<5.00	<5.00
4/6/09	32	2-4lb/10g	38	5.8	<5.00
4/20/09	32	2-4lb/10g	243	8.5	<5.00
5/4/09	33	2-4lb/10g	343	8.2	8.7
5/18/09	33	2-4lb/10g	51	6.2	<5.00
6/8/09	35	2-4lb/10g	38	<5.00	<5.00
6/29/08	33	2-4lb/10g	25	9.1	<5.00
7/20/09	32	2-4lb/10g	47	39	<5.00
8/10/09	32	2-4lb/10g	23.7	31	<5.00
9/13/09	32	0	22	8	<5.00
10/12/09	32	0	104	21	<5.00
11/9/09	32	0	45	<50	<5.00
12/7/09	32	0	28	8.2	<5.00
1/10/10	32	0	42	13	<5.00
2/15/10	32	0	87	11.1	<5.00
	32	<del></del>	35		
3/15/10		0		<5.00	<5.00
4/15/10	32	0	40	9.62	<5.00
5/17/10	32	0	180	11	<5.00
6/13/10	32	0	43	15	<5.00
7/8/10	32	0	33	66	<2
8/19/10	0-20	0	17	16.3	<5.00
9/21/10	34	0	_33	28.2	<5.00
10/18/10	37	0	20	14.9	<10.00
11/20/10	37	0	21	4.89	<4.00
12/16/10		0	23.55	6.15	<5.00

1/18/11	37	0	22.83	3.39	2.86
2/9/11	37	00	26.76	10.4	<10.0
3/17/11	37	00	49.03	14.2	<5.00
4/19/11	37	0	57.55	12.5	<5.00
5/2/11			310	11	
5/3/11			271	8.92	
5/4/11			156	10.8	
5/4/11			123	15.8	
5/5/11			83	18	
5/9/11	37	0	33.91	43.8	<5.00
6/9/11	0	0	6.8	52.4	<5.00
7/18/11	0	0	0.575	18.6	<5.00
8/15/11	0	0	1.004	38.9	<5.00
9/13/11	0	0	0.132	<5.00	<5.00
10/18/11		0	23.71	52.4	<5.00
11/16/11		0	29.64	30.6	<5.00
12/19/11		0	60.25	11.5	<5.00
1/19/12	40	0	31.82	<5.00	<5.00
2/14/12	40	00	40.38	6.68	<5.00
3/29/12	40	0	50.81	7.95	<5.00
4/18/12	40	0	22.54	20	<5.00
5/23/12	40	0	18.18	10.9	<5.00
6/11/12	40	0	17.87	7.13	<5.15
7/30/12	40	00	15.1	5.68	<5.00
8/24/12	40	0	13.75	<5.00	<5.00
9/24/12	0	0	0.4	73.2	<5.00
10/15/12	0	0	4.48	26.7	<5.00
11/19/12	0	0	0.73	28.8	<5.00
12/28/12	0	0	1.22	25	<1.00
1/16/13	0	0	3.72	40.5	2.12
2/24/13	0	0	4.1	45.3	<1.00
3/13/13	0	0	23	18.6	<1.00
4/22/13	0	0	21.62	26.7	<1.00
5/16/13	0	0	14.33	18.3	<1.00
6/21/13	0	0	1.44	22.3	<1.00
7/23/13	0	0	0.934	27.1	<1.00
8/23/13	0	0	5.27	65.4	<1.00
9/18/13	0	0	1.43	54.6	<1.00
10/16/13	0	0	1.63	66.1	<1.00
11/13/13	0	0	2.68	115	1.71
12/18/13	0	0	43.77	33	1.28
1/13/14	0	0	48.39	45.8	2.55
2/17/14	0	0	6.1	75.4	<1.00
3/17/14	0	0	151.5	12.8	2.47
4/23/14	0	0	11.26	49.4	<1.00
5/19/14	0	0	56.62	73.9	<1.00
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				<b>_</b>	<del>                                     </del>
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Weir Parameters

pН	Temp	DO %	Distance	
7.46	17.57	341.9	12	
7.07	16.08	216.4	15	
7.85	15.4	209.1	12	
7.91	12.46	247.6	12	
6.41	13.08	241.1	12	
6.71	14.26	256.3	12	
7.63	14.02	190.7	12	
6.72	14.36	214.3	12	
6.52	14.66	226.8	12	
6.69	18.26	238	12	
7.76	19.74	249.7	12	
6.92	18.33	238.2	12	
7.72	18.85	196.5	12	
8.03	15.9	204.7	12	
7.25	11.72	236.4	12	
6.65	13.99	25.92*	12	measured as mg/L not as % DO
7.13	12.36	236.7	12	
6.47	13.61	259.6	12	
7.1	13.4	121.6	12	Very heavy flow rate
6.36	14.88	218.7	12	
7.34	15 97	219 1	12	

NOTES: Flow rates in gallons per minute (gpm)
O3 injection rates in pounds per 10 gallons
PCP concentrations in parts per billion (ppb)

NA - not analyzed

LE - Lab Error - samples not usable



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209 501-455-3233 Fax 501-455-6118

23 May 2014

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221

RE: Arkwood Monthly Sampling

SDG Number: 1405259

Enclosed are the results of analyses for samples received by the laboratory on 20-May-14 10:22. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	<b>-</b>
Containers Correct	
COC/Labels Agree	
Received On Ice	<u> </u>
Temperature on Receipt	3.0°C

norma James / Claresa Coins

Sincerely,

Norma James

President

This document is intended only for the use of the person(s) to whom it is expressly addressed. This document may contain information that is confidential and legally privileged. If you are not the intended recipient, you are notified that any disclosure, distribution, or copying of this document is strictly prohibited. If you have received this document in error, please destroy.

23 May 2014

Jim Fleer Oxford Environmental & Safety, Inc 14348 Nieman Rd.

Overland Park, KS 66221

**Project: Arkwood Monthly Sampling** 

Date Received: 20-May-14 10:22



#### **CASE NARRATIVE**

Sample Delivery Group - 1405259

One or more of the qualifiers described below may appear in this report.

### QUALITY CONTROL QUALIFIERS:

Qualifier Description

Sample used as "parent" for the associated analytical batch.

%D3/S-01 / E1 Surrogate failed to recover within acceptance criteria (%D3/S-01).

Results associated with this surrogate were qualified as "estimated" (E1).

Present in the Associated Blank

B1 Present in Blank, but Not In the Sample.

%D2 / E5 Laboratory Control Spike (LCS) and/or Laboratory Control Spike Duplicate (LCSD) failed to recover with acceptance criteria (%D2).

Associated results were qualified as "estimated" (E5).

%D1 Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) failed acceptance criteria.

MBA Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) failed criteria due the high concentration of analyte in the parent sample.

MBI Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) failed criteria due an interference in the parent sample.

%D3 Quality Control Surrogate failed acceptance criteria.

23 May 2014

Jim Fleer Oxford Environmental & Safety, Inc 14348 Nieman Rd. Overland Park, KS 66221

**Project: Arkwood Monthly Sampling** 

Date Received: 20-May-14 10:22



1405259-01 Lab Number: Sample Name: Mouth Date/Time Collected: 5/19/14 13:35 Water Sample Matrix: <u>Method</u> Semivolatiles Units Result Date/Time Analyzed Batch Qualifier(s) Pentachlorophenol ug/L A405222 8270D 73.9 5/20/14 16:11 2,4,6-Tribromophenol [surr] % 111 5/20/14 16:11 A405222 8270D % A405222 8270D 2-Fluorophenol [surr] 62.4 5/20/14 16:11 Phenol-d5 [surr] % 40.9 5/20/14 16:11 A405222 8270D

#### **ANALYTICAL RESULTS**

Lab Number: Sample Name:

Phenol-d5 [surr]

%

Date/Time Collected:		5/19/14 13:15				
Sample Matrix:		Water				
<u>Semivolatiles</u>	<u>Units</u>	Result	Qualifier(s)	Date/Time Analyzed	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	< 1.00	E1	5/20/14 16:32	A405222	8270D
2,4,6-Tribromophenol [surr]	%		%D3	5/20/14 16:32	A405222	8270D
2-Fluorophenol [surr]	%	3.21	%D3	5/20/14 16:32	A405222	8270D

%D3

5/20/14 16:32

A405222

8270D

1405259-02

0.120

Weir

Arkansas Analytical

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.

Overland Park, KS 66221

**Project: Arkwood Monthly Sampling** 

Date Received: 20-May-14 10:22

#### **QUALITY CONTROL RESULTS**



Semivolatiles - Quality Control Analyzed: 20-May-14 14:47 By: TB										
	Reporting			Spike	Source		%REC		RPD	
Analyte	Result	Limit Units		Level	Result	%REC	Limits	RPD	Limit	Note
Batch A405222 - 3510C Modified										
Blank (A405222-BLK1)	,,,			Prepared 8	Analyzed:	20-May-1	4			
Pentachlorophenol	ND	1.00	ug/L							
Surrogate: 2,4,6-Tribromophenol	43.0		"	40.0		107	45.3-139			
Surrogate: 2-Fluorophenol	25.3		"	40.0		63.4	28.9-81.6			
Surrogate: Phenol-d5	18.0		"	40.0		44.9	8.43-107			
LCS (A405222-BS1)				Prepared 8	Analyzed:	4				
Pentachlorophenol	37.3	1.00	ug/L	40.0		93.3	44.6-120			
Surrogate: 2,4,6-Tribromophenol	47.1		"	40.0		118	60.1-131			
Surrogate: 2-Fluorophenol	25.3		"	40.0		63.3	30.7-98.1			
Surrogate: Phenol-d5	17.7		"	40.0		44.3	<i>22.7-123</i>			
Matrix Spike (A405222-MS1)	Sour	ce: 14052!	59-01	Prepared 8	Analyzed:	20-May-1	4		, W111	
Pentachlorophenol	139	2.00	ug/L	80.0	73.9	81.1	31-128		_	
Surrogate: 2,4,6-Tribromophenol	85.5		"	80.0		107	43-136			
Surrogate: 2-Fluorophenol	47.8		"	80.0		59.8	23.6-97.1			
Surrogate: Phenol-d5	34.6		n	80.0		43.2	12.8-122			
Matrix Spike Dup (A405222-MSD1)	Source: 1405259-01		Prepared & Analyzed: 20-May-14		4					
Pentachlorophenol	145	2.00	ug/L	80.0	73.9	89.4	31-128	4.70	22.7	
Surrogate: 2,4,6-Tribromophenol	88.1		"	80.0		110	43-136			-
Surrogate: 2-Fluorophenol	<i>50.7</i>		"	80.0		63.4	23.6-97.1			
Surrogate: Phenol-d5	34.6		"	80.0		43.2	12.8-122			

QUALIFIER(S)

\*%D3: Surrogate Percent Recovery Does Not Meet Laboratory Acceptance Criteria

\*E1: Estimated Result Due to Surrogate Failure

All Analysis performed according to EPA approved methodology when available:

norma James/ Cleresa Coins

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

Norma James and/or Teresa Coins Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115

Little Rock, AR 72209 PHONE: 501-455-3233 FAX: 501-455-6118

# **CHAIN OF CUSTODY RECORD**

CLIENT INFORMATION						Project Description		Turnaround Time				Preservation Codes:								
Oxford Environmental & Safety, Inc.						ĺ .	Arkwood Monthl		1 Day (100%)	1. Cool, 4 Degrees Centigo			tigrade 4. Thiosulfate for Dechlorinati				on			
14348 Nieman R										l	_	(H <sub>2</sub> SO <sub>4</sub> ),	_			5. Hydi	ochloric	Acid(H	Cl)	
Overland Park K	(S 66221						Reporting Inf	ormation	3 Day (25%)	3. Nitr	ic Acid (I	HNO3), p	, ,				aOH),	pH > 12		
							Telephone: 913	-706-3422 (	5 Day (Routine)	5		TES	ΤP	ARA	MET				1	tle Type Code
Attn: Jim Fleer						E	mail: jfleer@oxfo	rdeands.com	Preservative Code:	1									G=(	ilass; P = Plastic
							·····		Bollle Type:	GA									V = Se	ptum; A = Amber
Sampler(s) Signature Sampler(s) I					E.Fleer						,							Anal	rkansas ytical Work er Number:	
Field	SAMPLE CO	DLLECTION			Number			SAMPLE		Pentachlorophenol (8270D)										_
Number	Date/s	Time/s	Grab	Comp	of	Sample Matrix	IDENTIF	ICATION/ DESC	CRIPTION	Pen (827									1141	)5259
	5/19/2014	13/35	Х		2	Water	Mouth			х										01
	S119114	13:15	Х			Water				Х										02
	-117111		<u> </u>		-	vale	Well													
			-	<b>l</b>	-					ONS	SITE M	FASIE	PEMEN	JTS R	V Ovfo	rd Env	ronme	ntal	_	
			<b></b>	<b> </b>	·						J1 1 km (#1	LACO	ASUREMENTS BY OX			T T			_	
			<b> </b>		<b> </b>					Mouth 6/66			/	13.66 35.9						
			<b> </b>	<b> </b>	<b> </b>							Mouth	704					219.1		
			<b> </b> -	}	<b>}</b>	<b> </b>				}		Weir	(1)	) <del>-1</del> 7	117		41	1.1	-	
			⊩		<u> </u>	<b> </b>		·····							ļ					
			<b> </b>	ļ	ļ				r .											
						<u>L</u>													<u> </u>	
1. Relinguished by	<u>/: (Signature)</u>	Date/Time		2. Re	ceived	by: (Si	gnature)	SAMPLE C	ONDITION UPON I	RECEIP	T IN LA		REMARKS / SAMPLE COMMENTS							
~ (	カ	15/19/2014	1			, - ,		1. CUSTODY SE	ALS:	V Y€	es	No	Flow Rate - 56-62							
Famue 14:00				1/	1 PL	)	2. CONTAINERS	CORRECT:	Y6	es	No No	O <sub>3</sub> Po	wer -	25°	20					
( ) ( ) (41,00				V	(1 -	<i></i>	3. COC/LABELS	AGREE:		es	No	0, Conc - 2,46%								
3. Relinguished by	/: (Signature)	Date/Time		4. Re	ceived	by lab:	(Signature)	4. RECEIVED ON	I ICE:	T-16	Yes No O <sub>3</sub> Residual - 3.03									
- , 110		Ų.	Imunda Jobush			$\sqrt{}$	5. TEMPERATUR		3ºc			-								
INP	ら	5/20	11		1 ( A V	da	Libral	6. TEMPERATUR	L	TH	#2									
l vu		1027	L	M''	wv	7 /	Tourno.		COMPLETION BY											
								<u></u>									· · · · · · · · · · · · · · · · · · ·	-		